

03050207-060

(Little Salkehatchie River)

General Description

Watershed 03050207-060 is located in Barnwell and Bamberg Counties and consists primarily of the ***Little Salkehatchie River*** and its tributaries from its origin to Lemon Creek. The watershed occupies 70,111 acres of the Upper and Lower Coastal Plain regions of South Carolina. The predominant soil types consist of an association of the Fuquay-Dothan-Troup-Rains series. The erodibility of the soil (K) averages 0.16, and the slope of the terrain averages 3%, with a range of 0-10%. Land use/land cover in the watershed includes: 41.4% agricultural land, 36.1% forested land, 17.1% forested wetland, 3.8% barren land, 0.7% urban land, 0.5% nonforested wetland, and 0.4% water.

The Little Salkehatchie River originates in the Town of Blackville and accepts drainage from Lake Cynthia, Guess Pond, Brooker Pond, Ghants Branch, Halfmoon Branch, and Long Gall Branch. Further downstream, the river accepts drainage from Long Pond, Ben Rice Bay, Colston Branch (Ben Rice Branch, Doussoss Bay, Indian Camp Branch, McMillian Branch), and Long Branch (Little Clear Pond, Clear Pond). There are a total of 111.7 stream miles and 397.4 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
CSTL-566	BIO	FW	LITTLE SALKEHATCHIE RIVER AT SC 70
CSTL-115	W	FW	LITTLE SALKEHATCHIE RIVER AT US 601

Little Salkehatchie River – There are two monitoring sites along this section of the Little Salkehatchie River. Aquatic life uses are fully supported at the upstream site (***CSTL-566***) based on macroinvertebrate community data. Aquatic life and recreational uses are fully supported at the downstream site (***CSTL-115***).

A fish consumption advisory has been issued by the Department for mercury and includes the Little Salkehatchie River within this watershed (see advisory p.35).

NPDES Program

Active NPDES Facilities

RECEIVING STREAM

FACILITY NAME

PERMITTED FLOW @ PIPE (MGD)

LITTLE SALKEHATCHIE RIVER

CITY OF DENMARK

PIPE #:001 FLOW: 0.612

PIPE #:002 FLOW: 0.388 (winter only)

IF BOTH PIPES DISCHARGING, LIMITED TO 1.0 MGD COMBINED

NPDES#

TYPE

COMMENT

SC0040215

MINOR DOMESTIC

LAND DISPOSAL

DISCHARGE TO STREAM

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

LANDFILL NAME
FACILITY TYPE

PERMIT #
STATUS

UNION CAMP
INDUSTRIAL

IWP-198
INACTIVE

Growth Potential

There is a low potential for growth in this watershed, which contains portions of the City of Denmark and the Towns of Blackville, Hilda, Govan, and Ehrhardt. The rail lines and sewer systems already in place may encourage slight growth.